

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2014 Levee Inspection Results****Reclamation District No. 0017 Mossdale**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Reclamation District No. 0017 Mossdale

Waterway			Bank	Unit Miles
Unit No. 01 French Camp Slough			Left	1.79
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/01/2014 - 04/01/2014			
DWR Inspector	Richard Willoughby			
Accompanied By	Robert Winter KSN			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 French Camp Slough	Left	1.79	04/01/2014 04/01/2014	Richard Willoughby

LM Start	0.00	Rating **	A	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_RD0017_01_s _ 2013_1				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD0017_01_s _ 2013_2				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_RD0017_01_s _ 2013_3				
Action/Comments					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 French Camp Slough	Left	1.79	04/01/2014 04/01/2014	Richard Willoughby

LM Start	0.00	Rating **	M	Issue No.	11
LM End	1.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.911250 °	37.915954 °
				-121.291127 °	-121.320732 °
DWR ID	DWR_RD0017_01_s _ 2014_11				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	10
LM End	1.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.911252 °	37.915949 °
				-121.291129 °	-121.320736 °
DWR ID	DWR_RD0017_01_s _ 2014_10				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.02	Rating **	M	Issue No.	4
LM End	0.02	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.911439 °	37.911439 °
				-121.291305 °	-121.291305 °
DWR ID	DWR_RD0017_01_s _ 2014_4				
Action/Comments					
Inspector Comments: FS_ID:22735					
EP_NO: 6623					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 5-inch diameter welded steel natural gas					
pipeline through the levees, 4.5 feet below the crown, across the					
channels and overflow area. (Permit No. 6623-1969)					
FS Date: 2/3/2010					

Photo 1 of 1 : UCIP_3072.jpg

*** Location**

LS : Land Side
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**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 French Camp Slough	Left	1.79	04/01/2014 04/01/2014	Richard Willoughby

LM Start	0.03	Rating **	U	Issue No.	12
LM End	0.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.911629 °	37.911629 °
				-121.291585 °	-121.291585 °
DWR ID	DWR_RD0017_01_s_2014_12				
Action/Comments					
Tree or limb					

Photo 1 of 2 : richard_s_20140407_508.jpg



Looking northeast at down tree on waterward slope.

LM Start	0.03	Rating **	U	Issue No.	12 (cont)
LM End	0.03	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : richard_s_20140407_509.jpg



Looking north at tree limbs across levee crown and slope.

LM Start	0.47	Rating **	C	Issue No.	7
LM End	0.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.912757 °	37.912757 °
				-121.298397 °	-121.298397 °
DWR ID	DWR_RD0017_01_s_2013_7				
Action/Comments					
Building					

No Photos

* Location
LS : Land Side
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** Rating
A : Acceptable
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 French Camp Slough	Left	1.79	04/01/2014 04/01/2014	Richard Willoughby

LM Start	0.71	Rating **	A/W	Issue No.	8
LM End	0.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.914795 °	37.914795 °
				-121.301662 °	-121.301662 °
DWR ID	DWR_RD0017_01_s _ 2013_8				
Action/Comments					
Prunings					

No Photos

LM Start	0.89	Rating **	A/W	Issue No.	6
LM End	0.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.915087 °	37.915295 °
				-121.304833 °	-121.306385 °
DWR ID	DWR_RD0017_01_s _ 2013_6				
Action/Comments					
Environmental Requirements.					

No Photos

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 French Camp Slough	Left	1.79	04/01/2014 04/01/2014	Richard Willoughby

LM Start	1.30	Rating **	M	Issue No.	5
LM End	1.30	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.915907 °	37.915907 °
				-121.311987 °	-121.311987 °
DWR ID	DWR_RD0017_01_s_2014_5				
Action/Comments					
Inspector Comments: FS_ID:22736					
EP_NO: 14992					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: A 30-inch diameter HDPE sewer force main (SFM), 1 of 3 pipes, two (2) 30 inch HDPE SFMs and one (1) 12-inch diameter PVC pipe. All pipes encased in concrete at approximately 32 feet below levee crown. (Permit No. 14992-1989)					
FS Date: 2/3/2010					

Photo 1 of 1 : UCIP_3074.jpg



LM Start	1.30	Rating **	M	Issue No.	9
LM End	1.30	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.915907 °	37.915907 °
				-121.312005 °	-121.312005 °
DWR ID	DWR_RD0017_01_s_2014_9				
Action/Comments					
Inspector Comments: FS_ID:22737					
EP_NO: 14992					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: A 30-inch diameter HDPE sewer force main (SFM), 2 of 3 pipes, two (2) 30 inch HDPE SFMs and one (1) 12-inch diameter PVC pipe. All pipes encased in concrete at approximately 32 feet below levee crown. (Permit No. 14992-1989)					
FS Date: 2/3/2010					

No Photos

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Reclamation District No. 0017 Mossdale

Waterway			Bank	Unit Miles
Unit No. 02 San Joaquin River			Right	14.45
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/01/2014 - 04/01/2014			
DWR Inspector	Richard Willoughby			
Accompanied By	Robert Winter KSN			

Summer & Winter Inspections

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	0.07	Rating **	A/W	Issue No.	7
LM End	0.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.915161 °	37.915161 °
				-121.321595 °	-121.321595 °
DWR ID	DWR_RD0017_02_s _ 2012_7				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.14	Rating **	M	Issue No.	20
LM End	0.14	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.914363 °	37.914363 °
				-121.322355 °	-121.322355 °
DWR ID	DWR_RD0017_02_s _ 2014_20				
Action/Comments					
Inspector Comments: FS_ID:22738 EP_NO: 15093 Repair Type: Crossing Status: UCIP Comments: Only appurtenance remaining at this location is the 4 pillings located on waterward side. According to records the pillings were to be removed under a completion maintenace contract. Need to coordinate with owner. FIELD_STRUCT_DESC: 14-inch-diameter pipeline through levee at unknown depth. Per inspector's notes "this crossing is abandoned almost all materials removed including pipes, conduit, and pumphouse. The only items left are 4 pilings which are to be removed under a completion maintenance contract. Approximately 200 feet of reinforced concrete pipe lateral removed in R/W south of crossing". FS Date: 2/3/2010					

Photo 1 of 1 : UCIP_3089.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	0.46	Rating **	A/W	Issue No.	8
LM End	0.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.910190 °	37.910190 °
				-121.324424 °	-121.324424 °
DWR ID	DWR_RD0017_02_s _ 2012_8				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.75	Rating **	M	Issue No.	21
LM End	0.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.906362 °	37.906362 °
				-121.323312 °	-121.323312 °
DWR ID	DWR_RD0017_02_s _ 2014_21				
Action/Comments					
Inspector Comments: FS_ID:22739					
EP_NO: 15095					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 12-inch diameter discharge pipeline through the levee. Invert of pipe is 6.24 feet below crown. Siphon breaker at the waterward shoulder. Pump located approximately 50 feet landward of the toe. (Permit No. 15095-1990)					
FS Date: 2/3/2010					

Photo 1 of 2 : UCIP_3092.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	0.75	Rating **	M	Issue No.	21 (cont)	
LM End	0.75	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			37.906362 °	37.906362 °	
				-121.323312 °	-121.323312 °	
DWR ID	DWR_RD0017_02_s_2014_21					
Action/Comments						
Inspector Comments: FS_ID:22739						
EP_NO: 15095						
Repair Type:						
Crossing Status:						
UCIP Comments:						
FIELD_STRUCT_DESC: 12-inch diameter discharge pipeline through the levee. Invert of pipe is 6.24 feet below crown. Siphon breaker at the waterward shoulder. Pump located approximately 50 feet landward of the toe. (Permit No. 15095-1990)						
FS Date: 2/3/2010						

Photo 2 of 2 : UCIP_3098.jpg



LM Start	0.78	Rating **	M	Issue No.	22
LM End	0.78	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.906002 °	37.906002 °
				-121.322995 °	-121.322995 °
DWR ID	DWR_RD0017_02_s_2014_22				
Action/Comments					
Inspector Comments: FS_ID:22740 EP_NO: 15149 Repair Type: Crossing Status: UCIP Comments: FIELD_STRUCT_DESC: 2 of 8: 42 inch diameter steel pipe, six (6) 42 inch pipe and two (2) 8 inch pipes, through the levee. Reinforced concrete discharge structure located at the waterward levee toe. Siphon breakers on the landward shoulder. Pump station located landward of levee. Invert of pipelines 8.5 feet below levee crown (Permit No. 15149-1989) FS Date: 2/4/2010					

Photo 1 of 1 : UCIP_3101.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	0.78	Rating **	M	Issue No.	23
LM End	0.78	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.905984 °	37.905984 °
				-121.322984 °	-121.322984 °
DWR ID	DWR_RD0017_02_s_2014_23				
Action/Comments					
Inspector Comments: FS_ID:22742					
EP_NO: 15149					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 4 of 8: 8 inch diameter steel pipe, six (6) 42 inch pipe and two (2) 8 inch pipes, through the levee. Reinforced concrete discharge structure located at the waterward levee toe. Siphon breakers on the landward shoulder. Pump station located landward of levee. Invert of pipelines 8.5 feet below levee crown (Permit No. 15149-1989)					
FS Date: 2/4/2010					

No Photos

LM Start	0.78	Rating **	M	Issue No.	24
LM End	0.78	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.905990 °	37.905990 °
				-121.322988 °	-121.322988 °
DWR ID	DWR_RD0017_02_s_2014_24				
Action/Comments					
Inspector Comments: FS_ID:22741					
EP_NO: 15149					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 3 of 8: 42 inch diameter steel pipe, six (6) 42 inch pipe and two (2) 8 inch pipes, through the levee. Reinforced concrete discharge structure located at the waterward levee toe. Siphon breakers on the landward shoulder. Pump station located landward of levee. Invert of pipelines 8.5 feet below levee crown (Permit No. 15149-1989)					
FS Date: 2/4/2010					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	0.78	Rating **	M	Issue No.	26
LM End	0.78	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.905971 °	37.905971 °
				-121.322975 °	-121.322975 °
DWR ID	DWR_RD0017_02_s _ 2014_26				
Action/Comments					
Inspector Comments: FS_ID:22744					
EP_NO: 15149					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 6 of 8: 42 inch diameter steel pipe, six (6) 42 inch pipe and two (2) 8 inch pipes, through the levee. Reinforced concrete discharge structure located at the waterward levee toe. Siphon breakers on the landward shoulder. Pump station located landward of levee. Invert of pipelines 8.5 feet below levee crown (Permit No. 15149-1989)					
FS Date: 2/4/2010					

No Photos

LM Start	0.78	Rating **	M	Issue No.	27
LM End	0.78	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.905977 °	37.905977 °
				-121.322979 °	-121.322979 °
DWR ID	DWR_RD0017_02_s _ 2014_27				
Action/Comments					
Inspector Comments: FS_ID:22743					
EP_NO: 15149					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 5 of 8: 8 inch diameter steel pipe, six (6) 42 inch pipe and two (2) 8 inch pipes, through the levee. Reinforced concrete discharge structure located at the waterward levee toe. Siphon breakers on the landward shoulder. Pump station located landward of levee. Invert of pipelines 8.5 feet below levee crown (Permit No. 15149-1989)					
FS Date: 2/4/2010					

No Photos

*** Location**

LS : Land Side
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	0.78	Rating **	M	Issue No.	28
LM End	0.78	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.905960 °	37.905960 °
				-121.322968 °	-121.322968 °
DWR ID	DWR_RD0017_02_s_2014_28				
Action/Comments					
Inspector Comments: FS_ID:22745					
EP_NO: 15149					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 7 of 8: 42 inch diameter steel pipe, six (6) 42 inch pipe and two (2) 8 inch pipes, through the levee. Reinforced concrete discharge structure located at the waterward levee toe. Siphon breakers on the landward shoulder. Pump station located landward of levee. Invert of pipelines 8.5 feet below levee crown (Permit No. 15149-1989)					
FS Date: 2/4/2010					

No Photos

LM Start	0.79	Rating **	M	Issue No.	29
LM End	0.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.905947 °	37.905947 °
				-121.322960 °	-121.322960 °
DWR ID	DWR_RD0017_02_s_2014_29				
Action/Comments					
Inspector Comments: FS_ID:22746					
EP_NO: 15149					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 8 of 8: 42 inch diameter steel pipe, six (6) 42 inch pipe and two (2) 8 inch pipes, through the levee. Reinforced concrete discharge structure located at the waterward levee toe. Siphon breakers on the landward shoulder. Pump station located landward of levee. Invert of pipelines 8.5 feet below levee crown (Permit No. 15149-1989)					
FS Date: 2/4/2010					

No Photos

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LS : Land Side
WS : Water Side
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	0.83	Rating **	C	Issue No.	10
LM End	0.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.905372 °	37.905372 °
				-121.322727 °	-121.322727 °
DWR ID	DWR_RD0017_02_s _ 2012_10				
Action/Comments					
Crops					
Inspector Comments: New cactus plantings at landside toe of levee eight feet from landowner fence. Landowner remove some of the plantings.					

No Photos

LM Start	1.08	Rating **	U	Issue No.	5
LM End	1.08	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.902530 °	37.902530 °
				-121.325690 °	-121.325690 °
DWR ID	DWR_RD0017_02_s_2014_5				
Action/Comments					
Inspector Comments: 08/13/2013: No significant change at this site.					

Photo 1 of 1 : richard_s_20140320_998.jpg



Front view of erosion site. Note the concrete blocks and vegetation.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	1.16	Rating **	M	Issue No.	30
LM End	1.16	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.901426 °	37.901426 °
				-121.325553 °	-121.325553 °
DWR ID	DWR_RD0017_02_s_2014_30				
Action/Comments					
Inspector Comments: FS_ID:22747					
EP_NO: 15097					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 8-inch diameter irrigation pipeline through levee. Invert of pipe is 4.0 feet below levee crown. Pump house is located on the waterward slope. Siphon breaker on landward shoulder, standpipe located 10 feet from landward tee. Concrete stairs on waterward slope. (Permit No. 15097-1990)					
FS Date: 2/4/2010					

Photo 1 of 1 : UCIP_3164.jpg



LM Start	1.19	Rating **	A/W	Issue No.	12
LM End	1.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.901047 °	37.901047 °
				-121.325525 °	-121.325525 °
DWR ID	DWR_RD0017_02_s_2012_12				
Action/Comments					
Prunings					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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U : Unacceptable
N : Not Inspected/Rated
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	1.28	Rating **	U	Issue No.	6
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.899510 °	37.899510 °
				-121.326030 °	-121.326030 °
DWR ID	DWR_RD0017_02_s _ 2014_6				
Action/Comments					
Inspector Comments: 08/13/2013: A mid-size tree is present immediately upstream of the erosion, which could block the view of the site. Some debris is visible. [2013 Site ID:RD0017U02RM44.52]					

Photo 1 of 1 : richard_s_20140320_999.jpg



Looking from downstream.

LM Start	1.44	Rating **	M	Issue No.	31
LM End	1.44	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.897577 °	37.897577 °
				-121.326624 °	-121.326624 °
DWR ID	DWR_RD0017_02_s _ 2014_31				
Action/Comments					
Inspector Comments: FS_ID:22749 EP_NO: 15316 Repair Type: Crossing Status: UCIP Comments: FIELD_STRUCT_DESC: 8 inch diameter discharge pipeline through levee. Invert of pipe is 3.8 feet below levee crown. Siphon breaker on the waterward shoulder. Pump is located inside ditch located approximately 75 feet landward of levee toe. (Permit No. 15316-1989) FS Date: 2/4/2010					

Photo 1 of 1 : UCIP_3174.jpg



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	1.50	Rating **	M	Issue No.	32
LM End	1.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.896770 °	37.896770 °
				-121.326989 °	-121.326989 °
DWR ID	DWR_RD0017_02_s _ 2014_32				
Action/Comments					
Inspector Comments: FS_ID:22750					
EP_NO: 15099					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 16 inch diameter irrigation pipeline through levee. Invert of pipe is 3.64 feet below levee crown. Siphon breaker on waterward shoulder. Pump house located on the waterward berm. Standpipe located 15 feet from landward toe. Concrete stairway on waterward slope. (Permit No.15099-1989)					
FS Date: 2/4/2010					

Photo 1 of 1 : UCIP_3180.jpg



LM Start	1.68	Rating **	M	Issue No.	33
LM End	1.68	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.894426 °	37.894426 °
				-121.328247 °	-121.328247 °
DWR ID	DWR_RD0017_02_s _ 2014_33				
Action/Comments					
Inspector Comments: FS_ID:22751					
EP_NO: 13729					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 12-inch drainage pipe through levee located approximately 3 feet below crown. (Permit No. 13729-1983)					
FS Date: 2/4/2010					

Photo 1 of 1 : UCIP_3191.jpg



* Location
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WS : Water Side
CR : Crown

** Rating
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	2.04	Rating **	M	Issue No.	34
LM End	2.04	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.889742 °	37.889742 °
				-121.328631 °	-121.328631 °
DWR ID	DWR_RD0017_02_s_2014_34				

Action/Comments

Inspector Comments: FS_ID:22752

EP_NO: 15317

Repair Type:

Crossing Status:

UCIP Comments:

FIELD_STRUCT_DESC: 10 inch diameter steel discharge pipeline through levee. Invert of pipe is 4.74 feet below levee crown. Siphon breaker on waterward slope. Pump in ditch located 300 feet landward of toe. Ramp on landward slope. 10 inch pipe connects to an existing 16 inch discharge pipe on the landward side. (Permit No. 15317-1990) This pipe was installed during the levee work approved under encroachment number 15014.

FS Date: 2/4/2010

Photo 1 of 1 : UCIP_3203.jpg



LM Start	2.06	Rating **	M	Issue No.	35
LM End	2.06	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.889477 °	37.889477 °
				-121.328766 °	-121.328766 °
DWR ID	DWR_RD0017_02_s_2014_35				

Action/Comments

Inspector Comments: FS_ID:22763

EP_NO: 15101

Repair Type:

Crossing Status:

UCIP Comments: delete previous entry this is the correct entry.

FIELD_STRUCT_DESC: 16 inch diameter pipeline through levee. Invert of pipe is 4.26 feet below levee crown. Siphon breaker on waterward shoulder. Pump house located on the waterward berm, standpipe located 25 feet from landward toe. Concrete stairway on waterward slope. (Permit No. 15101-1989)

FS Date: 2/4/2010

Photo 1 of 1 : UCIP_3211.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

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En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	2.25	Rating **	M	Issue No.	36
LM End	2.25	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.887145 °	37.887145 °
				-121.330329 °	-121.330329 °
DWR ID	DWR_RD0017_02_s _ 2014_36				
Action/Comments					
Inspector Comments: FS_ID:22764					
EP_NO: 3013					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 18-inch pipe through the levee, 6.0 feet below the crown. Pump on pile structure in the stream. Timber walkway to the pump. Siphon breaker on the landward slope. Concrete standpipe at the toe of the landward slope. (Permit No. 3013-1960) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.25). (USACE O&M, 1963).					
FS Date: 2/4/2010					

Photo 1 of 1 : UCIP_3218.jpg



LM Start	2.25	Rating **	M	Issue No.	39
LM End	2.25	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.887145 °	37.887145 °
				-121.330329 °	-121.330329 °
DWR ID	DWR_RD0017_02_s _ 2014_39				
Action/Comments					
Inspector Comments: FS_ID:22552					
EP_NO: 15102					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 20 inch diameter irrigation pipeline through levee. Invert of pipe is 2.8 feet below levee crown. Fill placed over the pipeline to provide 2.0 feet of cover. Siphon breaker on waterward shoulder. Pump on platform with walkway to shoulder, standpipe located 15 feet landward tee, concrete stairway on waterward slope. (Permit No. 15102-1990) This pipe was installed during the levee work approved under encroachment number 15014.					
FS Date: 2/4/2010					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	2.51	Rating **	M	Issue No.	40
LM End	2.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.883602 °	37.883602 °
				-121.331170 °	-121.331170 °
DWR ID	DWR_RD0017_02_s_2014_40				
Action/Comments					
Inspector Comments: FS_ID:22553					
EP_NO: 15103					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 8 inch diameter pipeline through levee. Invert of pipe is 3.47 feet below crown. Siphon breaker on landward shoulder. Pump house on waterward slope, standpipe located 10 feet from landward tee. Concrete stairway on waterward slope. (Permit No. 15103-1990) This pipe was installed during the levee work approved under encroachment number 15014.					
FS Date: 2/4/2010					

No Photos

LM Start	2.68	Rating **	M	Issue No.	41
LM End	2.68	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.881236 °	37.881236 °
				-121.331835 °	-121.331835 °
DWR ID	DWR_RD0017_02_s_2014_41				
Action/Comments					
Inspector Comments: FS_ID:22554					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: Abandoned 4-inch pipe through the levee, 2.0					
feet below the crown. Pump on concrete pad on the waterward slope.					
Gate valve on the waterward slope. Pipe open on both ends.					
FS Date: 2/4/2010					

No Photos

* Location
LS : Land Side
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CR : Crown

** Rating
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	2.69	Rating **	M	Issue No.	42
LM End	2.69	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.881094 °	37.881094 °
				-121.331844 °	-121.331844 °
DWR ID	DWR_RD0017_02_s_2014_42				
Action/Comments					
Inspector Comments: FS_ID:22556					
EP_NO: 15104					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 1 of 4: 8 inch diameter irrigation steel pipe through the levee. Invert of pipe is 2.85 feet below levee crown. Three pipes are within a 30 foot section of levee and the fourth pipe crosses at the extension of Mathews Road. Two concrete stairways on waterward slope. (Permit No. 15104-1989) This pipe was installed during the levee work approved under encroachment number 15014.					
FS Date: 2/4/2010					

No Photos

LM Start	2.70	Rating **	M	Issue No.	43
LM End	2.70	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.880994 °	37.880994 °
				-121.331851 °	-121.331851 °
DWR ID	DWR_RD0017_02_s_2014_43				
Action/Comments					
Inspector Comments: FS_ID:22557					
EP_NO: 15104					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 2 of 4: 8 inch diameter irrigation steel pipe through the levee. Invert of pipe is 2.85 feet below levee crown. Three pipes are within a 30 foot section of levee and the fourth pipe crosses at the extension of Mathews Road. Two concrete stairways on waterward slope. (Permit No. 15104-1989) This pipe was installed during the levee work approved under encroachment number 15014.					
FS Date: 2/4/2010					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	2.70	Rating **	M	Issue No.	44
LM End	2.70	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.880951 °	37.880951 °
				-121.331854 °	-121.331854 °
DWR ID	DWR_RD0017_02_s _ 2014_44				
Action/Comments					
Inspector Comments: FS_ID:22559					
EP_NO: 15104					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 3 of 4: 8 inch diameter irrigation steel pipe through the levee. Invert of pipe is 2.85 feet below levee crown. Three pipes are within a 30 foot section of levee and the fourth pipe crosses at the extension of Mathews Road. Two concrete stairways on waterward slope. (Permit No. 15104-1989) This pipe was installed during the levee work approved under encroachment number 15014.					
FS Date: 2/4/2010					

No Photos

LM Start	2.78	Rating **	U	Issue No.	14
LM End	2.79	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.879293 °	37.879293 °
				-121.332518 °	-121.332518 °
DWR ID	DWR_RD0017_02_s _ 2014_14				
Action/Comments					
Inspector Comments: 08/13/2013: Found during boat survey. There is vegetation at the site. [2013 Site ID:RD0017U02RM46.03]					

Photo 1 of 1 : richard_s_20140320_007.jpg



Close view of the erosion.

*** Location**
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WS : Water Side
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	2.78	Rating **	M	Issue No.	45
LM End	2.78	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.879820 °	37.879820 °
				-121.332049 °	-121.332049 °
DWR ID	DWR_RD0017_02_s_2014_45				
Action/Comments					
Inspector Comments: FS_ID:22560					
EP_NO: 15105					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 10-inch diameter irrigation pipeline through					
levee. Invert of pipe is 3.84 feet below crown. Siphon breaker on					
landward shoulder. Pump on platform in channel. A walkway extend					
from the pump platform to the waterward shoulder, standpipe located					
14 feet from landward toe. (Permit No. 15105-1989)					
FS Date: 2/4/2010					

No Photos

LM Start	3.02	Rating **	M	Issue No.	46
LM End	3.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.876523 °	37.876523 °
				-121.331372 °	-121.331372 °
DWR ID	DWR_RD0017_02_s_2014_46				
Action/Comments					
Inspector Comments: FS_ID:22561					
EP_NO: 15106					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 10 inch diameter irrigation pipeline through levee. Invert of pipe is 4.1 feet below levee crown. Siphon breaker on landward shoulder. Pump on waterward slope, standpipe located 14 feet landward of levee toe. (Permit No. 15106-1989) This pipe was installed during the levee work approved under encroachment number 15014.					
FS Date: 2/4/2010					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	3.19	Rating **	M	Issue No.	47
LM End	3.19	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.874289 °	37.874289 °
				-121.331914 °	-121.331914 °
DWR ID	DWR_RD0017_02_s_2014_47				
Action/Comments					
Inspector Comments: FS_ID:22562 EP_NO: 15310 Repair Type: Crossing Status: UCIP Comments: FIELD_STRUCT_DESC: 10 inch discharge pipeline through levee. The invert of the pipe is 3.78 feet below crown. Siphon breaker on landward shoulder. Pump located on the landward side approximately 45 feet from the levee toe. (Permit No. 15310-1989) This pipe was installed during the levee work approved under encroachment number 15014. FS Date: 2/4/2010					

No Photos

LM Start	3.44	Rating **	M	Issue No.	49
LM End	3.44	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.871622 °	37.871622 °
				-121.329241 °	-121.329241 °
DWR ID	DWR_RD0017_02_s_2014_49				
Action/Comments					
Inspector Comments: FS_ID:22563					
EP_NO: 15107					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 16 inch diameter pipeline through levee. Invert of pipe is 3.65 feet below levee crown. Siphon breaker on landward shoulder. Pump on platform in channel. A walkway extends from the pump platform to the waterward shoulder, standpipe located 15 feet from the landward toe. Concrete stairway on waterward slope. (Permit No. 15107, 1989) This pipe was installed during the levee work approved under encroachment number 15014.					
FS Date: 2/4/2010					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	3.50	Rating **	M	Issue No.	50
LM End	3.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.870816 °	37.870816 °
				-121.328878 °	-121.328878 °
DWR ID	DWR_RD0017_02_s _ 2014_50				
Action/Comments					
Inspector Comments: FS_ID:22564					
EP_NO: 4116					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 8 inch diameter high pressure gas main through the levee. Invert of pipe is 3.9 feet below the crown. Location sign for gas pipeline crossing on waterward slope. (Permit No. 4116-1962)					
FS Date: 2/4/2010					

No Photos

LM Start	3.67	Rating **	M	Issue No.	51
LM End	3.67	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.868719 °	37.868719 °
				-121.327405 °	-121.327405 °
DWR ID	DWR_RD0017_02_s _ 2014_51				
Action/Comments					
Inspector Comments: FS_ID:22565					
EP_NO: 15109					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 12 inch pipeline through levee. Invert of pipe					
is 4.0 feet below levee crown. Siphon breaker on landward shoulder.					
Pump in irrigation ditch 45 feet from landward toe. (Permit No. 15109-					
1990)					
FS Date: 2/4/2010					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	3.68	Rating **	A/W	Issue No.	15
LM End	3.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.868532 °	37.868532 °
				-121.327255 °	-121.327255 °
DWR ID	DWR_RD0017_02_s _ 2013_15				
Action/Comments					
Prunings					

No Photos

LM Start	3.77	Rating **	M	Issue No.	52
LM End	3.77	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.867374 °	37.867374 °
				-121.326736 °	-121.326736 °
DWR ID	DWR_RD0017_02_s _ 2014_52				
Action/Comments					
Inspector Comments: FS_ID:22566					
EP_NO: 15110					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 12 inch diameter irrigation pipeline through					
levee. Invert of pipe is 3.88 below levee crown. Siphon breaker on					
landward shoulder. Pump on landward slope, standpipe located 10 feet					
from the landward toe stairway. (Permit No. 15110-1989)					
FS Date: 2/4/2010					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	4.24	Rating **	M	Issue No.	48
LM End	4.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.863819 °	37.863601 °
				-121.320784 °	-121.320299 °
DWR ID	DWR_RD0017_02_s_2012_48				
Action/Comments					
Landscaping					

Photo 1 of 3 : richard_s_20140320_012.jpg



Looking southeast at dense ground cover on landside slope. (Spring 2013)

LM Start	4.24	Rating **	M	Issue No.	48 (cont)
LM End	4.27	Issue Type +	En	Location *	LS

Photo 2 of 3 : richard_s_20140407_511.jpg



Looking southeast at overgrown landscaping on landside slope. (Spring 2014)

LM Start	4.24	Rating **	M	Issue No.	48 (cont)
LM End	4.27	Issue Type +	En	Location *	LS

Photo 3 of 3 : richard_s_20140407_512.jpg



Looking east at overgrown landscaping on landside slope. (Spring 2014)

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	4.25	Rating **	M	Issue No.	53
LM End	4.25	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.863781 °	37.863781 °
				-121.320718 °	-121.320718 °
DWR ID	DWR_RD0017_02_s _ 2014_53				
Action/Comments					
Inspector Comments: FS_ID:22567					

No Photos

LM Start	4.28	Rating **	U	Issue No.	11
LM End	4.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.863582 °	37.862947 °
				-121.320230 °	-121.319812 °
DWR ID	DWR_RD0017_02_s _ 2012_11				
Action/Comments					
Crops					

Photo 1 of 4 : richard_s_20140320_003.jpg



Grape vines on landside slope from LM 4.28 to 4.32

Photo 2 of 4 : richard_s_20140320_004.jpg



Looking southeast at grape vines on landside slope

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	4.28	Rating **	U	Issue No.	11 (cont)
LM End	4.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.863582 °	37.862947 °
				-121.320230 °	-121.319812 °
DWR ID	DWR_RD0017_02_s _ 2012_11				
Action/Comments					
Crops					

Photo 3 of 4 : richard_s_20140320_005.jpg



Looking south at landscaping with grape vines on landside slope

LM Start	4.28	Rating **	U	Issue No.	11 (cont)
LM End	4.32	Issue Type +	En	Location *	LS

Photo 4 of 4 : richard_s_20140320_006.jpg



Looking northeast at dense landscaping on landside slope.

LM Start	4.30	Rating **	M	Issue No.	55
LM End	4.30	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.863333 °	37.863333 °
				-121.320031 °	-121.320031 °
DWR ID	DWR_RD0017_02_s _ 2014_55				
Action/Comments					
Inspector Comments: FS_ID:22568					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	4.42	Rating **	U	Issue No.	1
LM End	4.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.861673 °	37.861370 °
				-121.320115 °	-121.320102 °
DWR ID	DWR_RD0017_02_s_2012_1				
Action/Comments					
Landscaping					

Photo 1 of 3 : richard_s_20140320_996.jpg



Looking southeast at ground cover on landside slope.

Photo 2 of 3 : richard_s_20140320_997.jpg



Looking southwest at landscaping and boat dock on waterside slope and channel.

Photo 3 of 3 : richard_s_20140407_513.jpg



Looking south at overgrown oleanders on landside shoulder. (Spring 2014)

LM Start	4.42	Rating **	U	Issue No.	1 (cont)
LM End	4.44	Issue Type +	En	Location *	LS

LM Start	4.42	Rating **	U	Issue No.	1 (cont)
LM End	4.44	Issue Type +	En	Location *	LS

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	4.43	Rating **	M	Issue No.	56
LM End	4.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.861577 °	37.861577 °
				-121.320123 °	-121.320123 °
DWR ID	DWR_RD0017_02_s _ 2014_56				
Action/Comments					
Inspector Comments: FS_ID:22569					

No Photos

LM Start	4.46	Rating **	A/W	Issue No.	2
LM End	4.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.861223 °	37.861223 °
				-121.319957 °	-121.319957 °
DWR ID	DWR_RD0017_02_s _ 2012_2				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	4.50	Rating **	M	Issue No.	57
LM End	4.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.860982 °	37.860982 °
				-121.319253 °	-121.319253 °
DWR ID	DWR_RD0017_02_s _ 2014_57				
Action/Comments					
Inspector Comments: FS_ID:22570					
EP_NO: 15114					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 8 inch diameter irrigation pipeline through levee. Invert of pipe is 3.08 feet below the levee crown. Siphon breaker on waterward shoulder. Pump in pump house on waterward slope, standpipe located 10 feet from landward toe. Wooden walkway extends from the standpipe to the landward shoulder. Concrete stairway on waterward slope. (Permit No. 15114-1990). This pipe was installed during the levee work approved under encroachment number 15014.					
FS Date: 2/4/2010					

No Photos

LM Start	4.85	Rating **	M	Issue No.	58
LM End	4.85	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.857105 °	37.857105 °
				-121.318653 °	-121.318653 °
DWR ID	DWR_RD0017_02_s _ 2014_58				
Action/Comments					
Inspector Comments: FS_ID:22572					
EP_NO: 15116					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 14 inch diameter pipe through levee. Invert pipe is 4.83 feet below levee crown. Siphon breaker on waterward shoulder. Pump on platform in channel, wooden walkway extends from pump platform to waterward slope, concrete stairway extends from walkway to waterward shoulder. A double side approach ramp is located on the landward slope. Concrete stairway on waterward slope. (Permit No. 15116-1990) This pipe was installed during the levee work approved under encroachment number 15014.					
FS Date: 2/4/2010					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	4.98	Rating **	M	Issue No.	59
LM End	4.98	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.855738 °	37.855738 °
				-121.319993 °	-121.319993 °
DWR ID	DWR_RD0017_02_s _ 2014_59				
Action/Comments					
Inspector Comments: FS_ID:22573					
EP_NO: 15117					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 10 inch diameter pipeline through levee. Invert of pipe is 4.26 feet below levee crown. Siphon breaker on waterward shoulder. Pump located in excess of 100 feet from the landward toe. Ramp on landward slope. (Permit No. 15117-1989)					
FS Date: 2/4/2010					

No Photos

LM Start	5.01	Rating **	A/W	Issue No.	3
LM End	5.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.855343 °	37.855343 °
				-121.319845 °	-121.319845 °
DWR ID	DWR_RD0017_02_s _ 2012_3				
Action/Comments					
Prunings					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	5.14	Rating **	M	Issue No.	60
LM End	5.14	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.853584 °	37.853584 °
				-121.319676 °	-121.319676 °
DWR ID	DWR_RD0017_02_s _ 2014_60				
Action/Comments					
Inspector Comments: FS_ID:22574					
EP_NO: 15118					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 14 inch diameter irrigation pipeline through levee. Invert of pipe is 4.49 feet below levee crown. Siphon breaker on landward shoulder. Pump on platform in channel, wooden walkway extends from pump platform to waterward slope, concrete stairway extends from walkway to waterward shoulder and a standpipe is located 2 feet from the landward toe. (Permit No. 15118-1989)					
FS Date: 2/4/2010					

No Photos

LM Start	5.48	Rating **	M	Issue No.	61
LM End	5.48	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.851328 °	37.851328 °
				-121.321351 °	-121.321351 °
DWR ID	DWR_RD0017_02_s _ 2014_61				
Action/Comments					
Inspector Comments: FS_ID:22575					
EP_NO: 15119					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 16 inch diameter pipe through levee. Invert of pipe is 5.11 feet below levee crown. Slant pump on riverbank, standpipe located 30 feet from the landward toe. Ramp on waterward slope. (Permit No. 15119-1990). This pipe was installed during the levee work approved under encroachment number 15014.					
FS Date: 2/4/2010					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	5.55	Rating **	A/W	Issue No.	568
LM End	5.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.850652 °	37.850652 °
				-121.320498 °	-121.320498 °
DWR ID	DWR_RD0017_02_s _ 2012_568				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

No Photos

LM Start	5.58	Rating **	A/W	Issue No.	76
LM End	5.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.850118 °	37.850118 °
				-121.320188 °	-121.320188 °
DWR ID	DWR_RD0017_02_s _ 2012_76				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	5.62	Rating **	A/W	Issue No.	54
LM End	5.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.849472 °	37.848582 °
				-121.320159 °	-121.323647 °
DWR ID	DWR_RD0017_02_s _ 2012_54				
Action/Comments					
Landscaping					

Photo 1 of 5 : richard_s_20140320_013.jpg



Looking south at overgrown landscaping on waterside slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	5.62	Rating **	A/W	Issue No.	54 (cont)
LM End	5.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.849472 °	37.848582 °
				-121.320159 °	-121.323647 °
DWR ID	DWR_RD0017_02_s_2012_54				
Action/Comments					
Landscaping					

Photo 2 of 5 : richard_s_20140320_014.jpg



Looking west at landscaping on waterside slope.

Photo 3 of 5 : richard_s_20140320_015.jpg



Looking northeast at landscaping and broken tree limb on waterward slope. 2013

Photo 4 of 5 : richard_s_20140407_514.jpg



Looking south at corrected landscaping and the removal of a pipe on waterward slope. (Spring 2014)

LM Start	5.62	Rating **	A/W	Issue No.	54 (cont)
LM End	5.85	Issue Type +	En	Location *	LS

LM Start	5.62	Rating **	A/W	Issue No.	54 (cont)
LM End	5.85	Issue Type +	En	Location *	LS

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	5.62	Rating **	A/W	Issue No.	54 (cont)	
LM End	5.85	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			37.849472 °	37.848582 °	
				-121.320159 °	-121.323647 °	
DWR ID	DWR_RD0017_02_s _ 2012_54					
Action/Comments						
Landscaping						

Photo 5 of 5 : richard_s_20140407_515.jpg



Looking southeast at corrected landscaping and removal of broken tree limb on waterward slope. (Spring 2014).

LM Start	5.77	Rating **	A/W	Issue No.	19
LM End	5.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.849267 °	37.849267 °
				-121.322590 °	-121.322590 °
DWR ID	DWR_RD0017_02_s _ 2012_19				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	5.98	Rating **	A/W	Issue No.	16
LM End	5.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.847107 °	37.847107 °
				-121.323238 °	-121.323238 °
DWR ID	DWR_RD0017_02_s _ 2013_16				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Cactus on landside toe.					

Photo 1 of 4 : richard_s_20140320_008.jpg



Looking southeast at cactus on landward toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	5.98	Rating **	A/W	Issue No.	16 (cont)
LM End	5.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.847107 °	37.847107 °
				-121.323238 °	-121.323238 °
DWR ID	DWR_RD0017_02_s _ 2013_16				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Cactus on landside toe.					

Photo 2 of 4 : richard_s_20140320_009.jpg



Looking southeast at cactus on landward toe. 2013

LM Start	5.98	Rating **	A/W	Issue No.	16 (cont)
LM End	5.98	Issue Type +	Ma	Location *	LS

Photo 3 of 4 : richard_s_20140407_516.jpg



Looking southeast at corrected vegetation (Cactus) issue on landside toe.

LM Start	5.98	Rating **	A/W	Issue No.	16 (cont)
LM End	5.98	Issue Type +	Ma	Location *	LS

Photo 4 of 4 : richard_s_20140407_517.jpg



Looking southeast at equipment moved from landside toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	6.00	Rating **	A/W	Issue No.	17
LM End	6.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.846935 °	37.846935 °
				-121.323045 °	-121.323045 °
DWR ID	DWR_RD0017_02_s _ 2013_17				
Action/Comments					
Equipment					

Photo 1 of 1 : richard_s_20140320_010.jpg



Looking east at farm equipment on landward toe.

LM Start	6.00	Rating **	M	Issue No.	62
LM End	6.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.846919 °	37.846919 °
				-121.323024 °	-121.323024 °
DWR ID	DWR_RD0017_02_s _ 2014_62				
Action/Comments					
Inspector Comments: FS_ID:22576					
EP_NO: 15120					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 7 inch diameter irrigation pipe through levee.					
Invert of pipe is 3.67 feet below the levee crown. Siphon breaker on					
landward slope. Pump house on waterward slope, standpipe located 15					
feet from the landward toe. (Permit No. 15120-1990) This pipe was					
installed during the levee work approved under encroachment number					
15014.					
FS Date: 2/4/2010					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	6.22	Rating **	M	Issue No.	63
LM End	6.22	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.844459 °	37.844459 °
				-121.320762 °	-121.320762 °
DWR ID	DWR_RD0017_02_s_2014_63				
Action/Comments					
Inspector Comments: FS_ID:22577					
EP_NO: 15121					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 2 of 2: 12 inch steel pipe, 2 of 2, one (1) 10 inch pipe and (1) 12 inch pipe, through the levee. Invert of pipe is 4.25 feet below crown. Siphon breaker on landward shoulder. Pump house on waterward slope, standpipe located 11 feet from the landward toe. (Permit No. 15121-1991) This pipe was installed during the levee work approved under encroachment number 15014.					
FS Date: 2/4/2010					

No Photos

LM Start	6.22	Rating **	M	Issue No.	64
LM End	6.22	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.844405 °	37.844405 °
				-121.320754 °	-121.320754 °
DWR ID	DWR_RD0017_02_s_2014_64				
Action/Comments					
Inspector Comments: FS_ID:22578					
EP_NO: 15121					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 10 inch steel pipe, 1 of 2, one (1) 10 inch pipe and (1) 12 inch pipe, through the levee. Invert of pipe is 4.0 feet below crown. (Permit No. 15121-1991) This pipe was installed during the levee work approved under encroachment number 15014.					
FS Date: 2/4/2010					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	6.67	Rating **	M	Issue No.	65
LM End	6.67	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.840754 °	37.840754 °
				-121.315714 °	-121.315714 °
DWR ID	DWR_RD0017_02_s _ 2014_65				
Action/Comments					
Inspector Comments: FS_ID:22580					
EP_NO: 15122					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 2 of 2: 14 inch diameter irrigation pipe, 2 of 2, one (1) 12 inch and one (1) 14 inch, through levee. Invert of pipe is 3.66 feet below levee crown. Siphon breaker on waterward shoulder. Ramp on landward slope.					
FS Date: 2/4/2010					

No Photos

LM Start	6.67	Rating **	M	Issue No.	66
LM End	6.67	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.840755 °	37.840755 °
				-121.315714 °	-121.315714 °
DWR ID	DWR_RD0017_02_s _ 2014_66				
Action/Comments					
Inspector Comments: FS_ID:22579					
EP_NO: 15122					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 1 of 2: 12 inch diameter discharge pipe, 1 of 2, one (1) 12 inch and one (1) 14 inch, through the levee. Invert of pipe is 3.66 feet below levee crown. Siphon breaker on waterward shoulder. Pump located 75 feet from the landward toe. (Permit No. 15122-1989)					
FS Date: 2/4/2010					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	6.82	Rating **	A/W	Issue No.	13
LM End	7.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.838668 °	37.835402 °
				-121.316663 °	-121.315262 °
DWR ID	DWR_RD0017_02_s _ 2012_13				
Action/Comments					
Crops					
Inspector Comments: Alfalfa five feet from levee toe.					

No Photos

LM Start	6.87	Rating **	M	Issue No.	67
LM End	6.87	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.838100 °	37.838100 °
				-121.316603 °	-121.316603 °
DWR ID	DWR_RD0017_02_s _ 2014_67				
Action/Comments					
Inspector Comments: FS_ID:22581					
EP_NO: 15123					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 16 inch diameter pipe through levee. Invert of pipe is 4.03 feet below the levee crown. Siphon breaker on waterward shoulder. Ramp on platform in channel, walkway from pump platform to waterward slope, standpipe located at landward berm toe. (Permit No. 15123-1989)					
FS Date: 2/4/2010					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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N : Not Inspected/Rated
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	7.21	Rating **	M	Issue No.	68
LM End	7.21	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.833991 °	37.833991 °
				-121.313584 °	-121.313584 °
DWR ID	DWR_RD0017_02_s _ 2014_68				
Action/Comments					
Inspector Comments: FS_ID:22582					
EP_NO: 15076					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 12 inch diameter pipeline through the levee.					
Invert of pipe is 4.27 feet below the crown. Siphon breaker on landward shoulder.					
Slant pump on waterward slope and standpipe located 15 feet from the landward toe. (Permit No. 15076-1989)					
FS Date: 2/4/2010					

No Photos

LM Start	7.25	Rating **	M	Issue No.	69
LM End	7.25	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.833553 °	37.833553 °
				-121.313123 °	-121.313123 °
DWR ID	DWR_RD0017_02_s _ 2014_69				
Action/Comments					
Inspector Comments: FS_ID:22583					
EP_NO: 15077					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 12 inch diameter irrigation pipeline through levee. Invert of pipe 3.67 feet below levee crown. Siphon breaker on landward shoulder. Pump on platform in channel, walkway from pump platform to waterward shoulder. Standpipe located 15 feet from the landward toe. (Permit No. 15077-1989)					
FS Date: 2/4/2010					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
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+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	7.28	Rating **	M	Issue No.	70
LM End	7.28	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.833213 °	37.833213 °
				-121.312795 °	-121.312795 °
DWR ID	DWR_RD0017_02_s_2014_70				
Action/Comments					
Inspector Comments: FS_ID:22584					
EP_NO: 15078					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 4 inch diameter pipeline through levee. Invert of pipe is 3.22 feet below levee crown. Siphon breaker on landward shoulder. Pump on waterward berm. (Permit No. 15078-1989)					
FS Date: 2/4/2010					

No Photos

LM Start	7.29	Rating **	M	Issue No.	18
LM End	7.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.833162 °	37.833162 °
				-121.312715 °	-121.312715 °
DWR ID	DWR_RD0017_02_s_2013_18				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	7.51	Rating **	M	Issue No.	4
LM End	7.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.830350 °	37.830350 °
				-121.310880 °	-121.310880 °
DWR ID	DWR_RD0017_02_s_2012_4				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	7.52	Rating **	M	Issue No.	71
LM End	7.52	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.830252 °	37.830252 °
				-121.310865 °	-121.310865 °
DWR ID	DWR_RD0017_02_s _ 2014_71				
Action/Comments					
Inspector Comments: FS_ID:22586					
EP_NO: 15079					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 14 inch pipeline through levee. Invert of pipe is 4.28 feet below levee crown. Siphon breaker on waterward shoulder. Pump on platform in channel, walkway from pump platform to the top of the riverbank, standpipe located 12 feet from landward tee. (Permit No. 15079-1990)					
FS Date: 2/4/2010					

No Photos

LM Start	7.54	Rating **	M	Issue No.	72
LM End	7.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.829992 °	37.829992 °
				-121.310867 °	-121.310867 °
DWR ID	DWR_RD0017_02_s _ 2014_72				
Action/Comments					
Inspector Comments: FS_ID:22587 EP_NO: 15079 Repair Type: Crossing Status: UCIP Comments: FIELD_STRUCT_DESC: need description FS Date: 2/4/2010					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	7.64	Rating **	M	Issue No.	73
LM End	7.64	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.828655 °	37.828655 °
				-121.310166 °	-121.310166 °
DWR ID	DWR_RD0017_02_s _ 2014_73				
Action/Comments					
Inspector Comments: FS_ID:22588					
EP_NO: 15080					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 7 inch irrigation pipe through the levee at 4.43 feet below crown. (Permit No. 15080-1989)					
FS Date: 2/4/2010					

No Photos

LM Start	7.67	Rating **	M	Issue No.	25
LM End	7.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.828095 °	37.827920 °
				-121.309945 °	-121.309847 °
DWR ID	DWR_RD0017_02_s _ 2012_25				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : richard_s_20140320_011.jpg



Elderberry blocking view of landside slope and toe from LM 7.67 to 7.69

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	7.79	Rating **	M	Issue No.	74
LM End	7.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.826628 °	37.826628 °
				-121.309368 °	-121.309368 °
DWR ID	DWR_RD0017_02_s _ 2014_74				
Action/Comments					
Inspector Comments: FS_ID:22590					
EP_NO: 15081					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: To replace an existing pipe with a 14 inch diameter irrigaiton pipe through the right bank of the San Joaquin River. The proposed pipe within the levee section shall be of new steel, at least No. 7 gauge, asphalt coated and wrapped with asphalt saturated felt outside and asphalt coated inside.					
FS Date: 2/4/2010					

No Photos

LM Start	7.82	Rating **	M	Issue No.	75
LM End	7.82	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.826179 °	37.826179 °
				-121.309516 °	-121.309516 °
DWR ID	DWR_RD0017_02_s _ 2014_75				
Action/Comments					
Inspector Comments: FS_ID:22592					
EP_NO: 15082					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: To replace two existing pipe with two 14 inch diameter irrigation pipes through the right bank levee of the San Joaquin River. The proposed pipe within the levee section shall be of new steel, at least No. 7 gauge, asphalt coated and wrapped with asphalt saturated felt outside and asphalt coated inside.					
FS Date: 2/4/2010					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	7.83	Rating **	M	Issue No.	77
LM End	7.83	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.826149 °	37.826149 °
				-121.309523 °	-121.309523 °
DWR ID	DWR_RD0017_02_s _ 2014_77				
Action/Comments					
Inspector Comments: FS_ID:22593 EP_NO: 15082 Repair Type: Crossing Status: UCIP Comments: FIELD_STRUCT_DESC: To replace two existing pipe with two 14 inch diameter irrigation pipes through the right bank levee of the San Joaquin River. The proposed pipe within the levee section shall be of new steel, at least No. 7 gauge, asphalt coated and wrapped with asphalt saturated felt outside and asphalt coated inside. FS Date: 2/4/2010					

No Photos

LM Start	8.00	Rating **	M	Issue No.	78
LM End	8.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.823906 °	37.823906 °
				-121.310071 °	-121.310071 °
DWR ID	DWR_RD0017_02_s _ 2014_78				
Action/Comments					
Inspector Comments: FS_ID:22594					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: need description					
FS Date: 2/4/2010					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	9.03	Rating **	M	Issue No.	79
LM End	9.03	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.818901 °	37.818901 °
				-121.315048 °	-121.315048 °
DWR ID	DWR_RD0017_02_s_2014_79				
Action/Comments					
Inspector Comments: FS_ID:22595					
EP_NO: 15083					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 16 inch pipeline through levee. Invert of pipe is 3.62' below levee crown. Siphon breaker on waterward shoulder. Pump in irrigation ditch located 50' from the landward toe. (Permit No. 15083-1990)					
FS Date: 2/4/2010					

No Photos

LM Start	9.09	Rating **	M	Issue No.	80
LM End	9.09	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.818273 °	37.818273 °
				-121.314350 °	-121.314350 °
DWR ID	DWR_RD0017_02_s_2014_80				
Action/Comments					
Inspector Comments: FS_ID:22596					
EP_NO: 15083					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 12-inch irrigation pipe through levee. Invert of pipe is 3.69 feet below crown. Siphon breaker on landward shoulder. Pump in irrigation ditch 50 feet from landward tee. (Permit No. 15083-1989)					
FS Date: 2/4/2010					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	9.09	Rating **	M	Issue No.	81
LM End	9.09	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.818271 °	37.818271 °
				-121.314349 °	-121.314349 °
DWR ID	DWR_RD0017_02_s _ 2014_81				
Action/Comments					
Inspector Comments: FS_ID:22597 EP_NO: 15083 Repair Type: Crossing Status: UCIP Comments: FIELD_STRUCT_DESC: To remove three existing pipes and install three 12 inch diameter irrigation pipes through the right bank levee of the San Joaquin River. The proposed pipes within the levee section shall be of new steel, at least No. 10 gauge, asphalt coated and wrapped with asphalt saturated felt outside and asphalt coated inside. FS Date: 2/4/2010					

No Photos

LM Start	9.40	Rating **	M	Issue No.	9
LM End	9.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.815243 °	37.815243 °
				-121.317470 °	-121.317470 °
DWR ID	DWR_RD0017_02_s _ 2012_9				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	11.15	Rating **	M	Issue No.	82
LM End	11.15	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.806386 °	37.806386 °
				-121.315446 °	-121.315446 °
DWR ID	DWR_RD0017_02_s _ 2014_82				
Action/Comments					
Inspector Comments: FS_ID:22598					
EP_NO: 18514					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 16 inch diameter steel irrigation pipe through the levee. Pipe includes a 30 horse power slant pump supported by two 10-3/4 inch diameter steel pilings on the waterward side. Stand pipe located on the landward side. (Permit No. 18514-2010)					
FS Date: 2/4/2010					

No Photos

LM Start	11.33	Rating **	M	Issue No.	83
LM End	11.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.805002 °	37.805002 °
				-121.312727 °	-121.312727 °
DWR ID	DWR_RD0017_02_s _ 2014_83				
Action/Comments					
Inspector Comments: FS_ID:22599					
EP_NO: 15056					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 18 inch diameter steel irrigation pipe through the levee. Invert of pipe is 3.23 feet below levee crown. Siphon breaker on waterward shoulder. Pump located 25 feet from the landward toe.					
(Permit No. 15056-1989)					
FS Date: 2/4/2010					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	11.44	Rating **	M	Issue No.	84
LM End	11.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.803584 °	37.803584 °
				-121.312032 °	-121.312032 °
DWR ID	DWR_RD0017_02_s _ 2014_84				
Action/Comments					
Inspector Comments: FS_ID:22600					
EP_NO: 15055					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 16 inch diameter pipe through levee. Invert pipe is 3.91 feet below levee crown. Siphon breaker on landward shoulder. Slant pump on waterward slope, standpipe located 11 feet from the landward toe. (Permit No. 15055-1989)					
FS Date: 2/4/2010					

No Photos

LM Start	11.49	Rating **	M	Issue No.	85
LM End	11.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.802930 °	37.802930 °
				-121.311949 °	-121.311949 °
DWR ID	DWR_RD0017_02_s _ 2014_85				
Action/Comments					
Inspector Comments: FS_ID:22602					
EP_NO: 17792					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: Pipes installed in the levee section and within 10 feet of the levee toes shall be new steel and at least 3 gauge. Steel pipes shall be corrosion-proofed externally with a coating of coaltar enamel; asphalt-saturated felt wrap; cement mortar; or PVC or polyethylene tape wrapped to a thickness of 30 mils and they shall be corrosion-proofed internally with a continuous lining of cement mortar or asphalt.					
FS Date: 2/4/2010					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	11.49	Rating **	M	Issue No.	86
LM End	11.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.802902 °	37.802902 °
				-121.311947 °	-121.311947 °
DWR ID	DWR_RD0017_02_s _ 2014_86				
Action/Comments					
Inspector Comments: FS_ID:22604					
EP_NO: 17792					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: need a description					
FS Date: 2/4/2010					

No Photos

LM Start	11.49	Rating **	M	Issue No.	87
LM End	11.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.802873 °	37.802873 °
				-121.311948 °	-121.311948 °
DWR ID	DWR_RD0017_02_s _ 2014_87				
Action/Comments					
Inspector Comments: FS_ID:22607 EP_NO: 17792 Repair Type: Crossing Status: UCIP Comments: FIELD_STRUCT_DESC: need a description FS Date: 2/4/2010					

No Photos

*** Location**
LS : Land Side
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CR : Crown

**** Rating**
A : Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	11.49	Rating **	M	Issue No.	88
LM End	11.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.802846 °	37.802846 °
				-121.311949 °	-121.311949 °
DWR ID	DWR_RD0017_02_s _ 2014_88				
Action/Comments					
Inspector Comments: FS_ID:22609					
EP_NO: 17792					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: need a description					
FS Date: 2/4/2010					

No Photos

LM Start	11.49	Rating **	M	Issue No.	89
LM End	11.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.802819 °	37.802819 °
				-121.311950 °	-121.311950 °
DWR ID	DWR_RD0017_02_s _ 2014_89				
Action/Comments					
Inspector Comments: FS_ID:22610 EP_NO: 17792 Repair Type: Crossing Status: UCIP Comments: FIELD_STRUCT_DESC: need a description FS Date: 2/4/2010					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
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En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	11.50	Rating **	M	Issue No.	90
LM End	11.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.802793 °	37.802793 °
				-121.311951 °	-121.311951 °
DWR ID	DWR_RD0017_02_s _ 2014_90				
Action/Comments					
Inspector Comments: FS_ID:22611					
EP_NO: 17792					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: need a description					
FS Date: 2/4/2010					

No Photos

LM Start	12.28	Rating **	M	Issue No.	91
LM End	12.28	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.793996 °	37.793996 °
				-121.306026 °	-121.306026 °
DWR ID	DWR_RD0017_02_s _ 2014_91				
Action/Comments					
Inspector Comments: FS_ID:22612					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: need description					
FS Date: 2/4/2010					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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U : Unacceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	12.28	Rating **	M	Issue No.	92
LM End	12.28	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.793954 °	37.793954 °
				-121.306016 °	-121.306016 °
DWR ID	DWR_RD0017_02_s _ 2014_92				
Action/Comments					
Inspector Comments: FS_ID:22613					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 1 of 2; Main pipe.					
FS Date: 2/4/2010					

No Photos

LM Start	12.28	Rating **	M	Issue No.	93
LM End	12.28	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.793954 °	37.793954 °
				-121.306016 °	-121.306016 °
DWR ID	DWR_RD0017_02_s _ 2014_93				
Action/Comments					
Inspector Comments: FS_ID:22614					
EP_NO: 15318					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 20 inch diameter steel storm drain discharge pipeline through levee. Invert of pipe is 3.4 feet below levee crown. Siphon breaker on located on the landward shoulder. Electric service riser on waterward berm. (Permit No. 15813-1989)					
FS Date: 2/4/2010					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
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+ Issue Type

Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	12.28	Rating **	M	Issue No.	94
LM End	12.28	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.793940 °	37.793940 °
				-121.306012 °	-121.306012 °
DWR ID	DWR_RD0017_02_s _ 2014_94				
Action/Comments					
Inspector Comments: FS_ID:22615					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 2/2 at HLM 12.28					
FS Date: 2/4/2010					

No Photos

LM Start	12.44	Rating **	M	Issue No.	95
LM End	12.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.791683 °	37.791683 °
				-121.306152 °	-121.306152 °
DWR ID	DWR_RD0017_02_s _ 2014_95				
Action/Comments					
Inspector Comments: FS_ID:22616					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 6-inch pipe through the levee, 12.0 feet below the crown. Pump on concrete pad on the waterward bank. Switch panel platform on pile structure on the berm. Wooden walkway to platform. Concrete standpipe on the waterward slope. Two concrete cutoff walls. This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 12.36). (USACE O&M, 1963)					
FS Date: 2/4/2010					

No Photos

*** Location**

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CR : Crown

**** Rating**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	12.47	Rating **	A/W	Issue No.	569
LM End	12.47	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.791269 °	37.791269 °
				-121.306252 °	-121.306252 °
DWR ID	DWR_RD0017_02_f_2012_569				
Action/Comments					
Pipe					
Inspector Comments: Abandoned irrigation pipe					

Photo 1 of 3 : richard_s_20140320_016.jpg



Looking west at disconnected pipe on waterside slope.

LM Start	12.47	Rating **	A/W	Issue No.	569 (cont)
LM End	12.47	Issue Type +	En	Location *	WS

Photo 2 of 3 : richard_s_20140320_017.jpg



Looking southwest at siphon on waterside shoulder and slope.

LM Start	12.47	Rating **	A/W	Issue No.	569 (cont)
LM End	12.47	Issue Type +	En	Location *	WS

Photo 3 of 3 : richard_s_20140320_018.jpg



Looking southeast at cap on abandoned irrigation pipe on waterward slope.

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	12.47	Rating **	M	Issue No.	96
LM End	12.47	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.791262 °	37.791262 °
				-121.306255 °	-121.306255 °
DWR ID	DWR_RD0017_02_s _ 2014_96				
Action/Comments					
Inspector Comments: FS_ID:22617					

No Photos

LM Start	12.57	Rating **	M	Issue No.	97
LM End	12.57	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.789921 °	37.789921 °
				-121.306868 °	-121.306868 °
DWR ID	DWR_RD0017_02_s _ 2014_97				
Action/Comments					
Inspector Comments: FS_ID:22619					
EP_NO: 15049					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 6 inch diameter irrigation pipe through levee.					
Invert of pipe is 3.71 feet below levee crown. Siphon breaker on					
landward shoulder. Pump on waterward slope, standpipe located 10					
feet from landward toe. (Permit No. 15049-1989)					
FS Date: 2/4/2010					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	12.57	Rating **	M	Issue No.	98
LM End	12.57	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.789921 °	37.789921 °
				-121.306868 °	-121.306868 °
DWR ID	DWR_RD0017_02_s _ 2014_98				
Action/Comments					
Inspector Comments: FS_ID:22620 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: FIELD_STRUCT_DESC: need description FS Date: 2/4/2010					

No Photos

LM Start	12.85	Rating **	M	Issue No.	99
LM End	12.85	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.786259 °	37.786259 °
				-121.306021 °	-121.306021 °
DWR ID	DWR_RD0017_02_s _ 2014_99				
Action/Comments					
Inspector Comments: FS_ID:22624 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: FIELD_STRUCT_DESC: need description FS Date: 2/4/2010					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	13.43	Rating **	M	Issue No.	100
LM End	13.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.779650 °	37.779650 °
				-121.300063 °	-121.300063 °
DWR ID	DWR_RD0017_02_s _ 2014_100				
Action/Comments					
Inspector Comments: FS_ID:22627					
EP_NO: 14467					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: 36 inch concrete discharge gravity waterwater pipe through levee approximatley 23 feet below crown. The reinforced concrete outfall structure with sluice gate will be constructed within the pipeline at the waterward levee shoulder. (Permit No. 14467-1986)					
FS Date: 2/4/2010					

No Photos

LM Start	13.43	Rating **	A/W	Issue No.	570
LM End	13.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.779633 °	37.779633 °
				-121.299992 °	-121.299992 °
DWR ID	DWR_RD0017_02_s _ 2012_570				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0017 Mossdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	14.45	04/01/2014 04/01/2014	Richard Willoughby

LM Start	14.02	Rating **	A/W	Issue No.	37
LM End	14.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.774285 °	37.773138 °
				-121.295703 °	-121.291763 °
DWR ID	DWR_RD0017_02_s _ 2012_37				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	14.04	Rating **	A/W	Issue No.	38
LM End	14.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.774262 °	37.772163 °
				-121.295305 °	-121.289295 °
DWR ID	DWR_RD0017_02_s _ 2012_38				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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